

Florida

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	12,403	453,928	14	Total R&D performance, 1995 (millions)	\$5,223	\$177,210	12
Doctoral engineers, 1995	2,633	86,738	12	Industry R&D, 1995 (millions)	\$4,101	\$130,332	10
S&E doctorates awarded, 1996	762	27,230	9	Academic R&D, 1996 (millions)	\$596	\$22,481	12
of which, in engineering	24%	23%		of which, in life sciences	54%	56%	
in life sciences	21%	25%		in engineering	15%	16%	
in psychology	19%	13%		in physical sciences	12%	10%	
S&E postdoctorates, 1996	592	37,019	20	Higher education current-fund expenditures, 1995 (millions)	\$5,222	\$182,602	10
in doctorate-granting institutions							
S&E graduate students, 1996	17,456	430,631	8	Number of SBIR awards, 1990-1997	669	31,155	13
in doctorate-granting institutions				Patents issued to state residents, 1997	2,159	61,699	10
Population, 1997 (000s)	14,654	271,464	4	Gross state product, 1996 (billions)	\$360.5	\$7,677.4	5
Civilian labor force, 1997 (000s)	7,106	137,564	4	of which, agriculture	2%	2%	
Personal income per capita, 1997	\$25,255	\$25,598	21	manufacturing, mining, construction	13%	23%	
Federal spending				transportation, communication, utilities	9%	8%	
Total expenditures, 1997 (millions)	\$82,060	\$1,405,060	4	wholesale and retail trade	19%	16%	
R&D obligations, 1996 (millions)	\$2,960	\$66,087	7	finance, insurance, real estate	22%	19%	
				services	23%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	2,960,160	620,939	0	2,050,876	267,213	17,317	3,815	7
Department of Agriculture	31,173	20,749	0	0	10,384	40	0	14
Department of Commerce	35,005	27,756	0	807	6,260	20	162	7
Department of Defense	1,753,868	323,753	0	1,378,298	43,159	8,658	0	5
Department of Energy	17,250	0	0	8,028	9,222	0	0	26
Dept. of Health & Human Services	129,073	4	0	4,752	118,941	5,160	216	22
Department of Interior	12,831	11,153	0	0	1,582	0	96	11
Department of Transportation	7,719	0	0	5,284	430	0	2,005	19
Environmental Protection Agency	15,225	8,247	0	4,774	1,346	25	833	7
Nat'l Aeronautics & Space Admin.	897,312	229,277	0	648,130	18,910	492	503	4
National Science Foundation	60,704	0	0	803	56,979	2,922	0	12
State rank	7	6	na	5	12	22	11	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable